

Position Announcement

Position:	Associate Scientist, W0045194 Full Time, 12-month position, renewable term position
Location:	KSU Department of Agronomy, Manhattan, KS, USA
Position Description:	<p>Through support from the US Agency for International Development (USAID), Kansas State University will establish the Feed the Future Innovation Lab for Climate Resilient Wheat. The Innovation Lab will apply advanced molecular breeding approaches for development of heat tolerant wheat varieties for South Asia. Working at the interface of wheat genomics, breeding and international development for food security, the Innovation Lab will apply next-generation sequencing to genomic selection for rapid development of superior wheat varieties. The associate scientist in bioinformatics will have primary responsibility for analyzing and interpreting large genomic datasets, giving context and applying molecular markers for wheat improvement. The scientist will analyze whole genome sequence and genotyping-by-sequencing data of wheat, integrating genomic and genotyping resources for molecular breeding and improved assembly and anchoring of the wheat genome. Candidates are expected to analyze genotyping-by-sequencing data from wheat breeding programs to characterize breeding lines for whole genome prediction and genetic mapping. The associate scientist will lead preparation of scientific manuscripts reporting research methodology, results and interpretations.</p>
Qualifications:	<p>Ph.D. in bioinformatics, plant genetics, plant breeding or closely related discipline.</p> <p>Essential: Experience working with next-generation sequencing data, whole-genome assembly, genotyping-by-sequencing. Strong programming and data management skills. Excellent written and oral communication skills in English. Demonstrated experience preparing high quality scientific manuscripts.</p>
Salary and Benefits:	<p>The annual salary will be commensurate with experience and qualifications. Kansas State University has an attractive benefit package includes a retirement plan; group medical, dental, and life insurance plans, worker's compensation; vacation leave; sick leave, and other benefits</p>
How to apply:	<p>Applicants should email as PDF files a letter of application, resume and the contact information of three professional references to:</p> <p>Ms. Brittany Green bdgreen@k-state.edu</p> <p>Please refer to position W0045194 – Associate Scientist in the subject line when applying.</p>
Date available:	November 1 st , 2013
Application Deadline:	<p>Screening of applicants will begin September 20, 2013 and continue until a suitable candidate is found. Applications will be accepted until the position is filled. For inquires, please contact Dr. Jesse Poland (jpoland@ksu.edu).</p>